

ABSTRACT

The present invention discloses an HWDM (10) and a method of producing the same. The HWDM includes a WDM element (20), two receiving sleeves (30), (40), two shrink sleeves (50) and an outer tube (60). The WDM element includes a first, second, third and fourth optical fibers (21~24). The first optical fiber is fused with the second fiber to form a first fusion region (211), and with the third fiber to form a second fusion region (212). The second fiber and the fourth fiber are fused to form a third fusion region (221). The receiving sleeves respectively contain the first fusion region and the second and third fusion regions therein. Each shrink sleeve attaches to a corresponding receiving sleeve. The outer tube receives two receiving sleeves therein.